

Title (en)
Robot system and method for transferring workpiece

Title (de)
Robotersystem und Verfahren zur Übertragung eines Werkstückes

Title (fr)
Système de robot et procédé de transfert de pièces

Publication
EP 2783799 A3 20150304 (EN)

Application
EP 14157160 A 20140228

Priority
JP 2013052163 A 20130314

Abstract (en)
[origin: EP2783799A2] A robot system 100 includes a first robot arm 14 and a robot controller 6. The first robot arm 14 extends in a first direction and includes a holder 12 to hold a workpiece placed on a workpiece placement stand 201. The holder 12 includes a distal end portion and a base portion. The base portion is coupled to the first robot arm 14 such that a turning axis of a portion of the first robot arm 14 to which the base portion of the holder 12 is coupled is apart from a geometrical center of the holder 12. The robot controller 6 controls the holder 12 to hold the workpiece while controlling the first robot arm 14 to turn the holder 12 with the distal end portion of the holder 12 oriented in a direction crossing the first direction.

IPC 8 full level
B25J 9/16 (2006.01)

CPC (source: CN EP US)
B25J 9/1612 (2013.01 - CN EP US); **B25J 15/0616** (2013.01 - US); **B25J 9/16** (2013.01 - US); **B25J 9/1615** (2013.01 - US);
G05B 2219/40006 (2013.01 - EP US)

Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2783799 A2 20141001; EP 2783799 A3 20150304; CN 104044139 A 20140917; CN 104044139 B 20170111; JP 2014176925 A 20140925;
JP 5768827 B2 20150826; US 2014277711 A1 20140918; US 9352463 B2 20160531

DOCDB simple family (application)
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